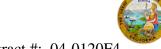
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-015087 Address: 333 Burma Road **Date Inspected:** 20-Jun-2010

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

Mr. Xu Le Feng/ Mr. Gao Zhi Ch@WI Present: **CWI Name:** Yes No

Inspected CWI report: Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No N/A

Delayed / Cancelled:

34-0006 **Bridge No: Component:** Tower

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance(QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

Bay no. 11

1. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 202100 perform SMAW Buttering welding on; Lift 5, Transverse diaphragm plate and the weld joint is identified as LD5-4. ZPMC CWI Identified as Mr. Yu Dong Ping. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-485-SMAW-2G (2F)-Repair. CWR Report no. for the same found to be T-CWR-637. (Photo attached)

2. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 044541 perform SMAW Repair welding on; Spare strut Flange to stiffener and the weld joint is identified as ED1-STSA4-10-119mtr.-2-8A/B. ZPMC CWI Identified as Mr. Yu Dong Ping. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-485-SMAW-2G (2F)-FCM-Repair-1. (Photo attached)

3. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 202100 perform SMAW welding on; West Shaft, Lift 5 Transverse diaphragm plate on Skin A and the weld joint is identified as WSD1-TL5-4 B/F-11B. ZPMC CWI Identified as Mr. Xu Le Feng. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3213-B-U3B.

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Bay no. 10

4. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 053049 perform SMAW Repair welding on; Lift 4 to 5, interior splice plate and the weld joint is identified as SSD1-SPSA5-19. ZPMC CWI Identified as Mr. Gao Zhi Chun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-485-SMAW-2G (2F)-Repair.

5. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 050289 perform SMAW welding on; Lift 4 to 5, interior splice plate and the weld joint is identified as NSD1-SPSA5-6-4B. ZPMC CWI Identified as Mr. Gao Zhi Chun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3211-TC-U5B-1.

6. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 052930/ 052493 perform SMAW welding on; North Shaft, Lift 5 Transverse diaphragm plate on Skin A and the weld joint is identified as ND1-TL5-3 B/F-24B, 41A. ZPMC CWI Identified as Mr. Gao Zhi Chun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3213-B-U3B.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.





Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Micheal Ng (15921845703), who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By: Baskar, Govindarajan Quality Assurance Inspector **Reviewed By:** Clifford, William QA Reviewer